

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-15. (Canceled).

16. (New) Test system for determination of the presence of an antibiotic in a fluid comprising a test medium comprising a microorganism, at least one substance that provides a solid state and an indicator, wherein the indicator is Bromthymol Blue.

17. (New) Test system according to claim 16, wherein the substance that provides a solid state is selected from the group consisting of a gelling agent and a carrier material.

18. (New) Test system according to claim 16, wherein the test medium further comprises at least one compound selected from the group consisting of a buffer, a nutrient, a stabilizer, a substance that changes the sensitivity to antimicrobial compounds in a positive or negative way and a viscosity increasing agent.

19. (New) Test system according to claim 16, wherein the microorganism is a thermo stable microorganism.

20. (New) Test system according to claim 16, wherein the antibiotic is selected from the group consisting of a  $\beta$ -lactam and an aminoglycoside.

21. (New) Test system for determination of the presence of a  $\beta$ -lactam or an aminoglycoside antibiotic in a fluid comprising a test medium comprising a thermostable microorganism, a solid gelling agent or a solid carrier material or both and an indicator, wherein the indicator is Bromthymol Blue.